

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NUMBER GE9-0006 SERIAL NUMBER _____ FILED _____
 FIRST INVENTOR: _____ TITLE TORQUE RIPPLE AND NOISE REDUCTION
BY AVOIDING MECHANICAL RESONANCE FOR A BRUSHLESS DC MACHINE
 EXAMINER _____ ART UNIT _____

1. ☒ Applicant submits herewith a copy of (a) attached form PTO-1449, which lists all patents, publications, applications, or other information submitted for consideration by the Office; (b) a legible copy of each document required by 37 C.F.R. §1.98(b)(2).
2. ☐ Applicant herein apprises the Patent Office of references cited in a parent U.S. application from which this application obtains the benefit of an earlier filing date under 35 U.S.C. §120. The Serial Number of the parent application is U.S. Application _____ and entitled _____
 The publications cited therein are listed on attached Form PTO-1449. In accordance with 37 C.F.R. §1.98(d) copies of the listed publications are not required. ☐ Additional parent patent applications are listed on an attached sheet.
3. ☐ In accordance with 37 C.F.R. §1.98(a)(3), Applicant hereby certifies that for each reference not in English (check at least one box below):
☐ A copy of a translation of one or more non-English document, or portion thereof, is provided herewith;
☐ A concise explanation is (check at least one box below):
☐ provided in the accompanying foreign or international search report; ☐ incorporated into the specification; and/or ☐ provided herewith.

37 C.F.R. §1.97(b)(1), (b)(2) – WITHIN 3 MONTHS OF FILING OR ENTRY IN NATIONAL STAGE

4. ☒ Since this Information Disclosure Statement is being filed within three months of the filing date of the subject application or within three months of the date of entry of the national stage as set forth in 37 C.F.R. §1.491 in an international application, no fee or certification under 37 C.F.R. §1.97(e) is required.

37 C.F.R. §1.97(b)(3), (b)(4) – PRIOR TO MAILING OF FIRST OFFICE ACTION OR FIRST ACTION AFTER REQUEST FOR CONTINUED EXAMINATION

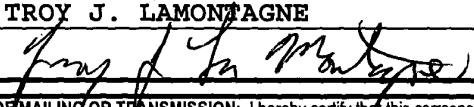
5. ☐ Since this Information Disclosure Statement is being filed before the mailing date of the first Office Action on the merits, or before the mailing of a first Office action after the filing of a request for continued examination under 37 C.F.R. §1.114, no fee or certification under 37 C.F.R. §1.97(e) is required.

37 C.F.R. §1.97(c) – AFTER FIRST ACTION, BEFORE FINAL ACTION OR ALLOWANCE

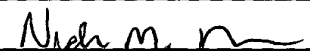
6. ☐ Since this Information Disclosure Statement is being filed outside of the period provided for in 37 C.F.R. §1.97(b), but before the mailing date of a Final Rejection or Notice of Allowance, this submission is being accompanied by (one of the following boxes must be checked):
 a. ☐ the fee required under 37 C.F.R. §1.97(c)(2) and specified in 37 C.F.R. §1.17(p).
 b. ☐ the statement specified in 37 C.F.R. §1.97(e) (Box 8 or 9 must be checked).

37 C.F.R. §1.97(d) – AFTER FINAL REJECTION OR ALLOWANCE

7. ☐ Since this Information Disclosure Statement is being filed after the period specified in 37 C.F.R. §1.97(c), but on or before payment of the issue fee and is accompanied by both the statement specified in 37 C.F.R. §1.97(e) and the fee set forth in 37 C.F.R. §1.17(p). (Box 8 or 9 must be checked.)
8. ☐ In accordance with 37 C.F.R. §1.97(e)(1), Applicant's attorney certifies that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement. ☐ The foreign or international search report(s) is/are enclosed.
9. ☐ In accordance with 37 C.F.R. §1.97(e)(2), Applicant's attorney certifies that no item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the person signing this certification after making reasonable inquiry, no item of information contained in this Information Disclosure Statement was known to any individual designated in 37 C.F.R. §1.56(c) more than three months prior to the filing of the information disclosure statement.
10. ☒ In the event the Commissioner of Patents deems that any additional fee is required under 37 C.F.R. §§ 1.16 or 1.17 in connection with this application, Applicant's attorneys authorize that such fee be charged to Deposit Account No. 06-1130.
11. Consideration of this Information Disclosure Statement is respectfully requested.

Name:	TROY J. LAMONTAGNE	Registration Number	47,239
Signature		Date	JULY 24, 2003

CERTIFICATE OF MAILING OR TRANSMISSION: I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner For Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or [] facsimile transmitted to the Patent and Trademark Office to Facsimile No. _____ on the date shown below.

Name	NIDIA M. DERAS	Date	JULY 24, 2003
Signature			



INFORMATION DISCLOSURE CITATION

(Use several sheets if necessary)

ATTY DOCKET NO.
GE9-0006

SERIAL NO.

AJIT KANE, ET AL

FILING

GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	3,590,353	6/29/1971	KOBAYASHI ET AL			
	3,662,238	5/9/1972	KOBAYASHI ET AL			
	4,396,875	8/2/1983	YAMAUCHI			
	4,500,830	2/19/1985	GOTOU ET AL			
	4,618,808	10/21/1986	ISH-SHALOM ET AL			
	4,651,067	3/17/1987	ITO ET AL			
	4,713,590	12/15/1987	OHNO			
	5,220,259	6/15/1993	WERNER ET AL			
	5,223,775	6/29/1993	MONGEAU			
	5,362,222	11/8/1994	FAIG ET AL			
	5,428,522	6/27/1995	MILLNER ET AL			

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
	0 533 359	08.11.1995	EP				
	0 564 608	29.01.1997	EP				
	97/25767	17.07.1997	WO				
	0 735 660	27.05.1998	EP				
	98/37484	27.08.1998	WO				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

		BYUNG-IL KWON, ET AL., "NOVEL TOPOLOGY OF UNEQUAL AIR GAP IN A SINGLE-PHASE BRUSHLESS DC MOTOR," IEEE TRANSACTIONS ON MAGNETICS, VOL. 37, NO. 5, SEPTEMBER 2001 P.P. 3723-3726
		LSI COMPUTER SYSTEMS, INC., "SINGLE PHASE BRUSHLESS DC MOTOR CONTROLLER USING THE LS7261/7262," APPLICATION NOTE 104, DECEMBER 1996

EXAMINER

DATE CONSIDERED

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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	AJIT KANE, ET AL	
	FILING	GROUP

U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	5,444,341	8/22/1995	KNEIFEL, II ET AL			
	5,530,326	6/25/1996	GALVIN ET AL			
	5,717,537	2/10/1998	WATANABE ET AL			
	5,731,670	3/24/1998	GALBIATI ET AL			
	5,999,168	12/7/1999	ROSENBERG ET AL			
	6,104,152	8/15/2000	COLES ET AL			
	6,122,579	9/19/2000	COLLIER-HALLMAN ET AL			
	6,124,688	9/26/2000	COLES ET AL			
	6,198,246	3/6/2001	YUTKOWITZ			
	6,236,174	5/22/2001	WHITE			
	2001/0045941	11/29/2001	ROSENBERG ET AL			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
0 715 566	20.01.1999	EP				
0 954 090	03.11.1999	EP				
00/46912	10.08.2000	WO				
00/60724	12.10.2000	WO				
1 104 087	30.05.2001	EP				

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

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U.S. PATENT DOCUMENTS

*EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	2001/0048278	12/6/2001	YOUNG ET AL			
	2001/0051098	12/13/2001	KENNEY ET AL			
	6,259,221	6/10/2001	YUTKOWITZ			
	6,281,650	8/28/2001	YUTKOWITZ			
	6,323,609	11/27/2001	LOPEZ			

FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
					YES	NO
01/59288	16.08.2001	WO				
02/20293	14.03.2002	WO				

OTHER DOCUMENTS *(Including Author, Title, Date, Pertinent Pages, Etc.)*

EXAMINER	DATE CONSIDERED
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